

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named
Inventor : Min Chu et al.

Appln. No. :

Filed : HEREWITH

For : SEGMENTAL TONAL MODELING
FOR TONAL LANGUAGES

Docket No.: M61.12-0594

Group Art Unit:

Examiner:

INFORMATION DISCLOSURE STATEMENT

EXPRESS MAIL NO. EV 388907498

Commissioner for Patents
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Sir:

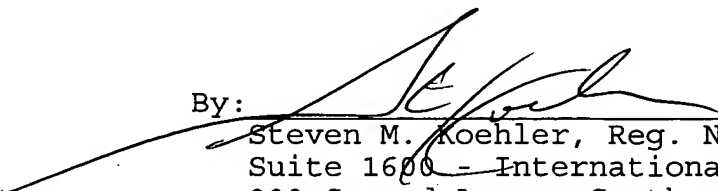
The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the patents or publications cited are enclosed, except as waived by the Official Gazette notice of August 5, 2003 regarding copies of US Patents and Publications.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123.

Respectfully submitted,

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| FORM PTO-1449 | Atty. Docket No.: M61.12-0594 | Appl. No.: |
| LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT | First Named Inventor: | |
| | Min Chu et al. | |
| | Filing Date | Group Art: |
| | January 21, 2004 | |

U.S. PATENT DOCUMENTS

| Examiner Initial | Document No. | Date | Name | Class | Sub Class | Filing Date If Appropriate |
|---------------------|-----------------|------|------|-------|--------------|-------------------------------|
| AA | | | | | | |
| AB | | | | | | |
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FOREIGN PATENT DOCUMENTS

| | Document No. | Date | Country | Class | Sub Class | Translation Yes No |
|----|--------------|------|---------|-------|--------------|-----------------------|
| AK | | | | | | |
| AL | | | | | | |

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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|----|---|
| AM | Chang et al., "Large Vocabulary Mandarin Speech Recognition with Different Approaches in Modeling Tones", Proc. ICSLP '2000, Vol. II, pp. 983-986, Oct 2000. |
| AN | Chen et al., "Recognize Tone Languages Using Pitch Information on the Main Vowel of Each Syllable", ICASSP 2001, Salt Lake City, 2001. |
| AO | Seide et al., "Two-Stream Modeling of Mandarin Tones", ICSLP 2000, Beijing, 2000. |
| AP | Ho et al., "Phonetic State Tied-Mixture Tone Modeling for Large Vocabulary Continuous Mandarin Speech Recognition", in EUROSPEECH '99, pp. 883-886. |
| AQ | Lin-shan Lee et al., "Golden Mandarin (I)-A Real Time Mandarin Speech Dictation Machine for Chinese Language with Very Large Vocabulary", IEEE Transaction on Speech and Audio Processing, pp. 158-179, April 1993. |

EXAMINER:

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